Subject: Re: fstat update
Posted by Vapuser on Tue, 26 Jan 1999 08:00:00 GMT
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ashmall@my-dejanews.com (Justin Ashmall) writes:

> Dear All,
> Has anyone had a problem like this?

> We have a widget prog that periodically checks a file for new data,
> it does this by monitoring the file size as returned by fstat. This
> usually works fine but we have found on some (network) drives fstat
> always returns the same value, namely the file size it first saw,
> even though the file is growing. The only fix we've found is to
> constantly close and re-open the file which is a rather inelegant,
> if not inefficient, solution. It doesn't appear to be a buffering
> problem since we can see the file size changing (across the network)
> using the command line or a file manager.

> Any suggestions?
> (We're using IDL 5.1.1 under NT4)
>
> Many thanks,
>
> Justin

  I've seen this problem in a UNIX environment when running an IDL
  routine on one machine that was querying the size of a file which
  resided on a disk that was NFS mounted from another machine. I am
  unfamiliar with NT, so I don't know if 'network disk' is a fair
  analog of NFS. In this case it was a feature of the operating
  system/NFS, the file size didn't change as frequently on the NFS
  client, therefore fstat reported EOF correctly as far as it could
  see. The work around was to run the program on the machine which
  hosted (i.e. for which the disk was local) the disk containing the
  file in question.

  Hope this helps in some small way.

whd